Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 2nd and Part bill Date.....20.....

Division-Project Division (Dasarahalli)
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No..... Head of Account:
Name of Work: Construction of building for Indoor games at Mallasandra Sy No.33 in Ward No.13
Contractor and Full Address: M/s KRIDL
Reference to Agreement No:
Work Order No:
Job code No: 013-17-000065
Certified that the measurements were taken by me on 31/07/2018 and recorded in pages 189836 to 189838
Of measurement Book No. 1859 and that the work is satisfactorily executed.

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Officer-in-charge of work

Certified that the measurements were taken by me on 31/7/18 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within	Gross	1440491
2) Deduct amount to be held in reserve being..... percent Rs.....	IT	28810-
3) Deduct amount to be held in Balance	LWC	14405-
4) Deduct Payment :		
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S D No.....	SD	72025-
Amount adjusted towards cash advance recovery of		
b) Payments cost store or other materials supplied.	CBT	1440-
Now made recovery of amount creditable to this/other work	Rly	18006-
Amount paid on this bill Cheque/Cash		
5) Balance being unpaid value of work done held in reserve	Ded	134,686.
6) Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments		
7) Net amount due to or from contractor	Net	1305805
Unadjusted items		
8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied		

Contractor's Signature

Received Rs.....(in words)
By Cash and by adjustment of Payment as per memorandum.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Witnesses

1.

2.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

(For use in the Office)

Dated.....Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer Making Payment

Audited and admitted for Rs. 1440491/-
Passed by Cheque for Rs. 1305,805/- (Thirteen lakhs five thousand eight hundred and five only)
by accountancies 134686/
Accounts Superintendent Executive Engineer
Exe. Engineer
B.B.M.P Dasarahalli Division

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Name of work:Construction of building for Indoor games at Sy No.33 in Mallasandra Ward No.13

ABSTRACT - R.A BILL No.01

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, culverts, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. hard soil. No. KBS 2.1(b)/2.3.5 (Item No.2.3, Page No.5, SR: 2016-17)	Cum	127.44	304.12	38757.05	105.84	32188.06	0.00	304.12	0.00	0.00	0.00
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap cum broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead upto 50m.and lift of 1.5m,complete as per specifications,(PWP,IWTD) SR Bangalore Circle 2014. specification. No. KBS (Item No.2.15, Page No.6, SR: 2016-17)	Cum	214.91	2283.12	490656.93	214.87	490574.74	0.00	2283.12	0.00	0.00	0.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (Item No.4.2, Page No.12, SR: 2016-17)	cum	131.73	5449.68	717870.00	127.86	696816.77	0.00	5449.68	0.00	0.00	0.00
	KSRB 5.3-3: Providing and constructing granite / trap / basalt size stone masoniy in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Item No.5.9, Page No.23, SR: 2016-17)	cum	320.52	5405.40	1732511.78	316.70	1711894.64	0.00	5405.40	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
5	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded cum granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, nciuding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (Item No.4.6, Page No.13, SR: 2016-17)	Cum	2.10	5876.28	12340.19	0.00	0.00	0.00	5876.28	0.00	0.00	0.00
6	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No.	Cum	220.57	6718.68	1481952.38	220.57	1481952.38	0.00	6718.68	0.00	0.00	0.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m including cost of all labour complete as per specifications. Specification No. KBS 2.9 (Item No.2.10, Page No.6, SR: 2016-17)	Cum	1552.58	137.16	212951.33	######	207347.35	0.00	137.16	0.00	0.00	0.00
	KSRB 2.5 : Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications. specification. No. KBS 2.9.9/2.9.10 1/2.1.1 (Itm No.2.12, P.No.6, SR:2016-17)	Cum	352.26	274.32	96631.98	345.42	94755.61	0.00	274.32	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
9	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, Unties, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fiHets j*tc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications, specification No. KBS 4.t, 4.6 (Item No.4.12, Page No.13, SR: 2016-17)	Cum	84.60	6876.36	581773 17	0.00	0.00	10.06	6876.36	69197.33	10.06	69197.33

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
10	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Item No.4.19, Page No.14, SR: 2016-17)	Cum	35.34	492.48	17404 24	0.00	0.00	0.00	492.48	0.00	0.00	0.00
11	KSRB 4-2.12 : Extra for providing throating or drip moulding to R.C.C. chajja with plastering (labour charges only) as per specifications. Specification No. KBS (Item No.4.21, Page No.14, SR: 2016-17)	Mtr	96.10	21.60	2075 76	0.00	0.00	0.00	21.60	0.00	0.00	0.00
12	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (Item No.4.28, Page No.15, SR: 2016-17)	Sqm	228.11	249.48	56907 64	228.11	56907.64	0.00	249.48	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
13	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth oils and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No.4.31, Page No.15, SR: 2016-17)	Sqm	210.40	316.44	66579.61	210.40	66579.61	0.00	316.44	0.00	0.00	0.00
14	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No4.32, Page No.16, SR: 2016-17)	Sqm	221.73	395.28	87645.43	221.73	87645.43	0.00	395.28	0.00	0.00	0.00
15	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No.4.34, Page No.16, SR: 2016-17)	Sqm	171.87	276.48	47517.93	0.00	0.00	101.74	276.48	28128.52	101.74	28128.52

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
16	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.up to 3.50m from Ground level. Specification No. KBS 4.6.2 (Itm No.4.18, P.No.15, SR:2016-17)	Sqm	143.70	338.04	48576.35	0.00	0.00	0.00	338.04	0.00	0.00	0.00
17	KSRB 4-6.9 Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No.4.36, Page No.16, SR: 2016-17)	Sqm	39.66	732.24	29040.64	0.00	0.00	0.00	732.24	0.00	0.00	0.00
18	KSRB 4-6.10 Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No.4.37, Page No.16, SR: 2016-17)	Sqm	35.34	291.60	10305.14	0.00	0.00	0.00	291.60	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
19	KSRB 6-3.4 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 7.5Newton per sqmm with cement mortar 1:3 for basement and superstructure (Machine moulded Wirecut bricks) with cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 (I.tm No.6.11, P.No.27, SR:2016-17)	Cum	3.80	11451.24	43457 46	0.00	0.00	0.00	11451.24	0.00	0.00	0.00
20	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (TMT bars Fe 500) (Item No.4.46.2, Page No.17, SR: 2016-17)	Tn	40.12	65455.56	2625930 48	21.10	1381112.32	14.75	65455.56	965633.52	14.75	965633.52

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
21	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/rrim2 confirming to JS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 \ including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications.	Sqm	481.14	1011.96	486889 37	0.00	0.00	232.03	1011.96	234803.05	232.03	234803.05
22	KSRB 9.4-1 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per	Cum	0.42	111083.40	47043 82	0.00	0.00	0.00	111083.40	0.00	0.00	0.00
23	KSRB 9-13-1: Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 18mm thick of exterior grade Melamine impregnated prelamination particle board of approved colour on both sides including cost of materials, labour, HOM of machineries complete as per	Sqm	10.29	3889.08	40018 63	0.00	0.00	0.00	3889.08	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
24	KSRB 7.8: Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. AH the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour	Kg	27.90	3213.00	89642.70	0.00	0.00	0.00	3213.00	0.00	0.00	0.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
25	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 (Item No.7.9, Page No.32, SR: 2016-17)	Kg	2085.53	84.24	175684.63	0.00	0.00	0.00	84.24	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
26	KSR& 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm, bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm, weight 0.417 kg./m. shutter side outer 40mmx18mm wall thickness 1.25mm, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc., providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls,	Sqm	62.78	4418.28	277357.53	0.00	0.00	0.00	4418.28	0.00	0.00	0.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
27	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick t| base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification. (Item No.7.29, Page No.40, SR: 2016-17)	Kgs	24460.52	118.80	2905909.18	0.00	0.00	0.00	118.80	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
28	Providing and installing of pre painted Galvclume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550mpa steel grade, 5-7 microns (Item No.38.30, Page No.300, SR 2016-17)	Sqm	915.20	831.60	761080.32	0.00	0.00	0.00	831.60	0.00	0.00	0.00
	Total				13184511.65		6307783.92			1297762.42		1297762.42
	Add KRIDL Charges11%				1450296.28		693856.23			142753.87		142753.87
	Grand Total				14634807.93		7001640.15			1440516.29		1440516.29

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Contractor

Assistant Engineer
Project Division,Bommanahalli
BBMP Bangalore

Asst Executive Engineer,
Project Division,Bommanahalli
BBMP Bangalore

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